

EXPANDING SHAFTS

WITH AXIAL MOVEMENT



- ✓ For cantilever applications
- ✓ Axial movement of the gripping table $\pm 20\text{mm}$
- ✓ Easy alignment and centering of the rolls during operations
- ✓ Reel core $\varnothing 70\text{mm}$, 3" e 6"*
- ✓ Gripping table from 250mm to 600mm*
- ✓ Load from 60 to 150kg
- ✓ Suitable for food and medical applications

Pneumatic expanding shafts with axial movement are the perfect solution for the unwinding and rewinding of rolls in cantilever applications.

They are used to always maintain a precise centering of the roll as, thanks to an axial movement mechanism, it is possible to align the roll even during the operations without stopping the productive process.

Using a knob on the front of the shaft, it is possible to regulate the roll with a lateral movement of $\pm 20\text{mm}$.

To ensure stability and lightweight the shaft is made up of a steel journal, an aluminum central body and rubber or aluminum strips according to the customer's needs. Nickel plating or anodizing treatments are available depending on the applications.

Machine fixing is custom on customer's requirement. Strips expansion can be obtained with air chambers via back axial air feeding by rotary union or front air feeding by valve.

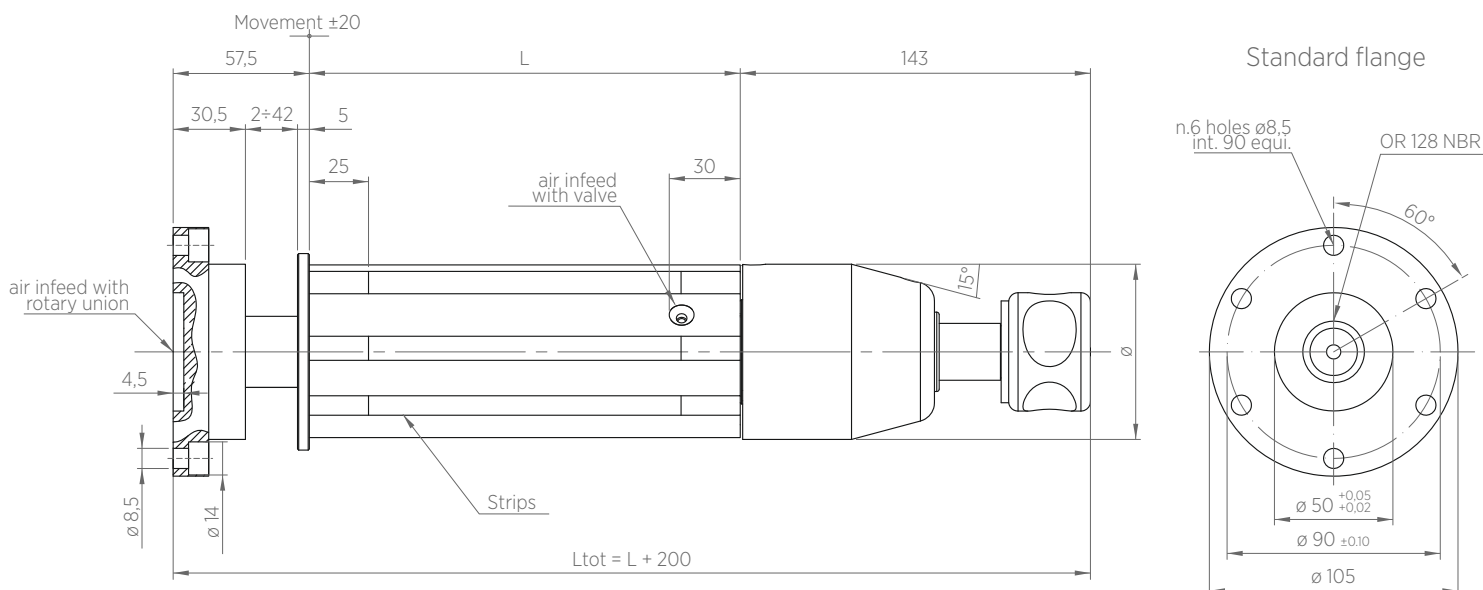
Pneumatic expanding shafts with axial movement are the ideal solution for food and medical industries and on packaging, label printing and non woven machines.

A version with axial movement only with the machine stopped is also available.

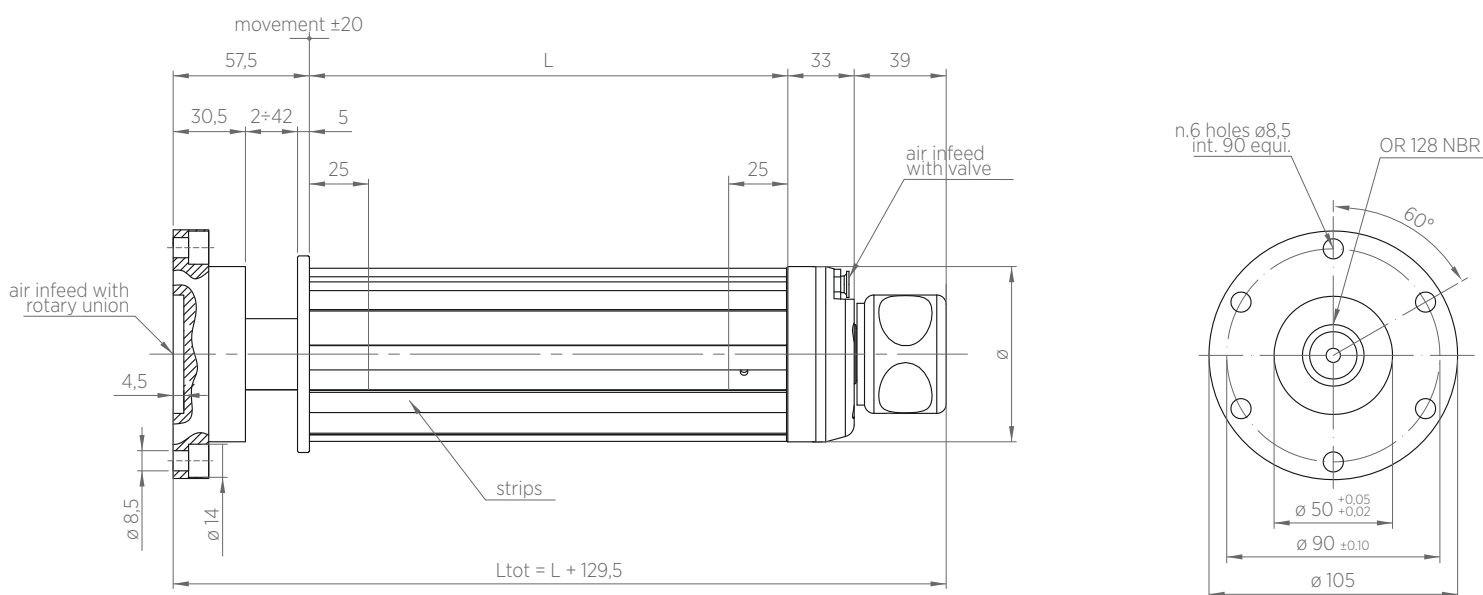
Special flange safety chucks are available for the installation.

TECHNICAL DRAWING

Shaft with axial movement during operations



Shaft with axial movement with stopped machine



TECHNICAL CHARACTERISTICS

Reel core diameter - \varnothing *	70mm - 3" - 6"	
Expanding table - L *	from 250mm to 600mm	
Roll load*	\varnothing 70mm e 3" \varnothing 6"	up to 70 kg up to 150kg
Axial adjustment*	± 20 mm	
Flange	on customer's request	
Air infeed	Back axial air feeding by rotary union or front air feeding by valve	
Material*	central journal central body strips	steel aluminum rubber or aluminum

*Other options on request

**Data are subject to technical change without notice